

Del. ^{no} map of
ED sample
locations
Dredging

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

Water Resources Commission

STAFF REPORT

Water Quality Sampling in the Vicinity
of the Port of Monroe

On May 10 and 11, 1976 a series of water quality samples were collected in the general vicinity of the Port of Monroe Disposal Area. The purpose of the project was to help determine the effect of leachate from the industrial fill on waters of the port area.

Eight locations were sampled and numbered chronologically. The attached map shows the locations of these samples. Samples 1 through 6 were collected by canoe on May 10 by Chuck Bikfalvy and Dennis Leonard. Samples 7 and 8 were collected by Chuck Bikfalvy on May 11 by car. The sampling points are described briefly as follows: Samples 1 through 4 are from separate diked areas directly adjacent to the fill area. Of these, sample 1 is from an area used by the Army Corps of Engineers as a dredge spoil disposal area for dredgings from the Raisin River. The other three are from waters in contact with the fill in the industrial disposal facility. Sample 5 is from Plum Creek where it crosses under I-75. (It may be somewhat affected by the old fill west of the expressway.) Sample 6 is from Plum Creek at the Railroad bridge west of that old fill area. Sample 7 is a background sample from the Detroit Edison discharge canal at the bridge leading to the power plant. Number 8 is a sample from the pond located within the fill area. The following table contains the data obtained from the samples:

US EPA RECORDS CENTER REGION 5



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